

I Claim:

1. A suspension system for an inline skate comprising:
a tracking system connected to a skate boot wherein the tracking system has two
sides extending from an upper surface;
5 opposing rocker arms disposed within the sides of the tracking system wherein a
wheel is rotatably connected to each rocker arm for limited rotation;
an axle pivotally connecting each rocker arm to the tracking system; and
a spring interposed within the tracking system between each opposing rocker arm
below the upper surface and above the axle, to bias the rocker arms away from one
10 another and to limit the upward rotation of the rocker arms wherein a stop engages each
rocker arm to limit the downward motion of each rocker arm.
2. The system of claim 1 wherein a pair of opposing rocker arms are pivotally
connected to the tracking system by a single axle.
3. The system of claim 1 wherein the pivot axles and stops are truncated studs such
15 that the wheel is positioned proximate an adjacent wheel without contacting the adjacent
wheel.
4. The system of claim 3 wherein a cross brace is connected to the truncated studs.
5. The system of claim 1 wherein the spring is positioned between the opposing
rocker arm and a baffle such that each opposing rocker arm is biased against the tracking
20 system.
6. The system of claim 5 wherein the baffle is pivotally connected to the pivot axle
and its rotation is biased against the tracking system such that each opposing rocker arm
is biased against the baffle and the tracking system.

7. The system of claim 1 wherein the spring is adjustable.

8. The system of claim 1 wherein the stop engages a notch on the rocker arm to limit a path of the rocker arm.

9. The system of claim 1 wherein the stop engages with a lip formed on the rocker arm to limit the downward motion of each rocker arm.

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